AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A method for identifying a status corresponding to interactions between a remote application and a data source, the method comprising:

providing at least one interface module to interface with a remote application;

providing at least one port module to interface between the interface module and the data source;

providing a connection manager to facilitate the interface between the interface module and the port module,

wherein the connection manager receives a request for the data source from the interface module, and transmits an identifier of an available port module to the interface module;

connecting directly the interface module and the port module for communicating independently from the connection manager,

wherein the interface module connects directly with the port module based on the identifier transmitted by the connection manager, and

wherein subsequent communication from the interface module to the port module after the interface module connects directly with the port module, is independent of the connection manager;

generating a log file comprising an arbitrary set of parameters selectively established to

reflect a status of a connection between the remote application and the data source,

wherein the set of parameters are established by the remote application.

2. (canceled).

3. (previously presented) The method of claim 1, wherein the parameters are user-

selectable.

4. (canceled)

5. (previously presented) The method of claim 1, wherein at least one of the parameters is

selected from the group consisting of a present SQL request, a warning message, an error

message, a date, a time, a previous SQL request, a feature database schema, and a number of

records.

6. (previously presented) The method of claim 1, wherein a number of the parameters is

limited by a user in order to reduce processing time of a request to the data source.

7. (previously presented) The method of claim 1, wherein a type and a number of the

parameters are expanded to reflect a detailed history of interactions between the remote

application and the data source.

8. (original) The method of claim 1, further comprising hosting the interface module on a

first computer distinct from a second computer hosting the data source.

9. (original) The method of claim 1, further comprising hosting the interface module on a

computer hosting the data source.

10. (canceled)

11. (previously presented) The method of claim 1, wherein the log file contains data that further reflects at least one of a present SQL request, a warning message, an error message, a date, a time, a previous SQL request, a feature database schema, and a number of records.

12. (original) The method of claim 11, wherein the arbitrary set of parameters is arranged in a hierarchical relation.

13. (original) The method of claim 12, wherein at least one parameter of the arbitrary set of parameters corresponds to an output device selected by a user.

14-37. (canceled).

38. (previously presented): The method of claim 1, wherein a port module communicates independently with only one interface module at a time.

39. (previously presented): The method of claim 1, wherein the connection manager determines that the port module corresponding to the identifier transmitted to the interface module is not available to be assigned to another interface module.

40. (previously presented): The method of claim 1, wherein each port module reports its availability to the connection manager.

41. (previously presented): The method of claim 1, wherein the interface module receives a request from the remote application, and converts the request from a first format to a second format.

42. (previously presented): The method of claim 41, wherein the first format is HTML and the second format is SQL.

4

43. (previously presented): The method of claim 1, wherein the interface module receives a request for information from the data source, the received request being addressed to the interface module.

44. (previously presented): The method of claim 1, wherein the set of parameters are established by a user of the remote application.

45. (previously presented): The method of claim 1, wherein the port module determines a status of the data source,

wherein if the status of the data source is active, the port module relays communication between the interface module and the data source, and

wherein if the status of the data source is inactive, the port module provides an error message to the interface module.

46. (previously presented): The method of claim 1, wherein if the port module determines that the data source is inactive, the port module reestablishes a connection with the data source when the data source becomes active.

47. (new): A computer readable medium having stored thereon computer executable instructions for performing a method for connecting a plurality of remote applications with a data source, the method comprising:

providing at least one interface module to interface with a remote application;

providing at least one port module to interface between the interface module and the data source;

providing a connection manager to facilitate the interface between the interface module and the port module,

wherein the connection manager receives a request for the data source from the interface module, and transmits an identifier of an available port module to the interface module;

connecting directly the interface module and the port module for communicating independently from the connection manager,

wherein the interface module connects directly with the port module based on the identifier transmitted by the connection manager, and

wherein subsequent communication from the interface module to the port module after the interface module connects directly with the port module, is independent of the connection manager;

generating a log file comprising an arbitrary set of parameters selectively established to reflect a status of a connection between the remote application and the data source,

wherein the set of parameters are established by the remote application.

48. (new): The computer readable medium of claim 47, wherein at least one of the parameters is selected from the group consisting of a present SQL request, a warning message, an error message, a date, a time, a previous SQL request, a feature database schema, and a number of records.

49. (new): The computer readable medium of claim 47, wherein a number of the parameters is limited by a user in order to reduce processing time of a request to the data source.

50. (new): The computer readable medium of claim 47, wherein a type and a number of the parameters are expanded to reflect a detailed history of interactions between the remote application and the data source.

51. (new): The computer readable medium of claim 47, further comprising hosting the

interface module on a first computer distinct from a second computer hosting the data source.

52. (new): The computer readable medium of claim 47, further comprising hosting the

interface module on a computer hosting the data source.

53. (new): The computer readable medium of claim 47, wherein the data further reflects at

least one of a present SQL request, a warning message, an error message, a date, a time, a previous

SQL request, a feature database schema, and a number of records.

54. (new): The computer readable medium of claim 53, wherein the arbitrary set of

parameters is arranged in a hierarchical relation.

55. (new): The computer readable medium of claim 54, wherein at least one parameter of the

arbitrary set of parameters corresponds to an output device selected by a user.

56. (new): A system for connecting a plurality of remote applications with a data source, the

system comprising:

an interface module which interfaces with a remote application;

a port module which interfaces between the interface module and the data source;

a connection manager module which facilitates the interface between the interface module

and the port module,

wherein the connection manager receives a request for the data source from the interface

module, and transmits an identifier of an available port module to the interface module,

wherein the interface module connects directly with the port module for communicating

independently from the connection manager, based on the identifier transmitted by the connection

manager,

wherein subsequent communication from the interface module to the port module after the

interface module connects directly with the port module, is independent of the connection manager;

a log file comprising an arbitrary set of parameters selected by a user to reflect a status of a

connection between the remote application and the data source,

wherein the set of parameters are established by the remote application.

57. (new): The system of claim 56, wherein at least one of port module and the interface

module is configured to provide from a user the parameters, selected from the group consisting of a

present SQL request, a warning message, an error message, a date, a time, a previous SQL request, a

feature database schema, and a number of records.

58. (new): The system of claim 56, wherein a number of the parameters is limited by a user in

order to reduce processing time of a request to the data source.

59. (new): The system of claim 56, wherein a type and a number of the parameters are

expanded to reflect a detailed history of interactions between the remote application and the data

source.

60. (new): The system of claim 56, wherein the interface module is configured to run on a

first computer distinct from a second computer hosting the data source.

61. (new): The system of claim 56, wherein the interface module is configured to run on a

computer hosting the data source.

62. (new): The system of claim 56, wherein the data further reflect at least one of a present

SQL request, a warning message, an error message, a date, a time, a previous SQL request, a feature

database schema, and a number of records.

63. (new): The system of claim 62, wherein the arbitrary set of parameters is arranged in a hierarchical relation.

64. (new): The system of claim 63, wherein at least one parameter of the arbitrary set of parameters corresponds to an output device selected by a user.